Special Issue

Modeling and Analysis of Power Systems

Message from the Guest Editor

This Special Issue of *Energies* aims to collate papers on mathematical models and analyses of power system circuits. In particular, we aim to focus on the following problems:

- Modeling and analysis of generating systems;
- Modeling and analysis of distribution systems;
- Mathematical description of the electrical energy receiver;
- Improving the efficiency of electricity generation, transmission, and consumption;
- Modeling of dispersed energy production systems;
- Intelligent control of energy flow in a dispersed energy production system;
- Modeling hybrid production systems;
- Mathematical description of physical phenomena in three-phase lines in the case of non-symmetric sources, unbalanced, and non-linear load;
- Power compensation for three- and four-wire lines.

Guest Editor

Dr. Konrad Zajkowski

Department of Energy, Faculty of Mechanical and Energy Engineering, Koszalin University of Technology, Koszalin, Poland

Deadline for manuscript submissions

5 December 2025

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/228252

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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